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| **HEMANTH KOLETI**  **Oracle Developer**  Email: [hkole0908@gmail.com](mailto:hkole0908@gmail.com) Phone: +1 (828) 658-5462 |  |

# PROFESSIONAL SUMMARY

* **5+ years of experience as an Oracle PL/SQL developer** focusing primarily on the projects related to the design, analysis, testing, development and documentation of business applications using **Oracle Relational Database Management System (RDBMS).**
* Solid experience in developing client-server applications using **Oracle 12c/11g/10g/9i/8i, SQL & PL/SQL, SQL\*Plus, SQL\*Loader and Toad.**
* Developed Complex database objects like **Stored Procedures, Functions, Packages and Triggers using SQL and PL/SQL.**
* Experience in Oracle supplied packages, Dynamic SQL, Records and PL/SQL Tables.
* Developed materialized views for data replication in distributed environments.
* Proficient in writing **complex SQL Queries, Data modelling using Normalization techniques, Database Design, Creating Indexes and Sub Queries.**
* Strong knowledge in Oracle utilities like SQL\*Loader, Export/Import and data pump utilities like EXPDP/IMPDP.
* Extensively used packages like **DBMS\_STATS, UTL\_FILE, DBMS\_SCHEDULER and UTL\_SMTP.**
* Worked extensively on **Ref Cursors, External Tables and Collections.**
* Experience with Performance Tuning for Oracle RDBMS using Explain Plan and HINTS.
* Decent knowledge on Extraction Transformation and Loading (ETL) processes using **UNIX shell scripting, SQL, PL/SQL and SQL Loader.**
* Extensively worked with XML files as the Source and Target, used transformations like XML Generator and XML Parser to transform XML files, used Oracle XMLTYPE data type to store XML files.
* Experience in business analyst specializing in requirements analysis and **SDLC** documentation.
* Highly skilled in advance features of Oracle 12c for PL/SQL programming like Using **Records and Collections, Bulk Bind, Nested tables and Dynamic SQL.**
* Experience with Performance Tuning for Oracle RDBMS using Explain Plan and HINTS.
* Expert in **handling errors using Exception handlers.**
* Good knowledge of key Oracle performance related features such as Query Optimizer, Execution Plans and Indexes.
* Proven background in developing interfaces, customizations, reconciliation scripts using PL/SQL, **Oracle API’s** and Open Interfaces where available and the ability to create Custom API’s where required.
* Excellent analytical skills and communication skills to present points precisely and solve problems efficiently.

# TECHNICAL skillset

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| Database | Oracle 8i/9i/10g/11g/12c, MS SQL Server, IBM DB2, NoSQL |
| Scripting | SQL, UNIX, PERL |
| Languages | C, C++SQL, PLSQL, HTML, CORE JAVA, UNIX |
| Tools | SQL Developer, TOAD, SQL plus, SSIS, Informatica, Data Stage |
| Applications | MS Office |
| OS | Windows 10, UNIX, Linux |

# Work experience

##### Client: wells fargo, charlotte, nc Aug 2016 – Present

##### oracle Developer

**Responsibilities**

* Designed and developed database objects using **Oracle PL/SQL** to manage and replicate the data based on the business requirement.
* Designed the database structure, created new Oracle Database instances and provided support for multiple Testing and Prod environments.
* Creating POCs (Proof of Concept) and presentations for the business concepts involved in designing the structure of tables.
* Writing **PL/SQL packages, procedures and functions** based on the requirement and modifying them to the change as per business needs using applications like **SQL Developer and TOAD**.
* Reviewing the Business-critical database to proactively identify space issues and **performance tuning issues**.
* Continuous monitoring of production process and analyzing the **AWR reports** to identify bottleneck Queries.
* Perform root cause analysis on performance tuning related issues and queries.
* Using **Explain Plan, Oracle hints and creation of new indexes** to improve the performance of SQL statements.
* Performing Data loads for the developed packages in the Oracle database environments using **AUTOSYS** jobs scheduling tool.
* Analyzing the user tables for tables, indexes and partitions for **OLTP** and **Exadata Hybrid Columnar compressions**.
* Implemented basic replication through Materialized Views.
* Creating an Automated process to convert Database Objects Tables, Indexes and partitions from OLTP to Exadata Hybrid Columnar compressions (HCC).
* Accountable for performance tuning by converting **OLTP compressions** to **Exadata Hybrid Columnar compressions** (HCC).
* Strong knowledge and experience of managing Oracle 12c and 11g RAC environments using the Oracle Enterprise Manager (OEM) Grid Control tools.
* Excellent technical and analytical skills with clear understanding of design goals of ER modeling for OLTP and dimension modeling for OLAP.
* Provided technical troubleshooting and give consultation to development teams.
* Implemented and configured of Oracle Enterprise manager OEM 12C and Oracle Management Server for maintenance and monitoring of production databases.
* Performing health check of Database Instances by analyzing Initialization Parameters like **PARALLEL\_DEGREE\_POLICY, PARALLEL\_SERVERS\_TARGET, PARALLEL\_DYNAMIC\_SAMPLING, OPTIMIZER\_ADAPTIVE\_FEATURES, OPTIMIZER\_ADAPTIVE\_PLANS** and Redo Log Sizes.
* Implementation of High Availability solutions with Oracle 10g RAC, Physical and Logical Structures.
* Worked on Performance optimization of large objects (LOB, BLOB, CLOB) by monitoring redoes generation, increasing log buffer size, blocksize and changing archiving procedures and **Query tuning using Statspack, TKPROF and OEM**.

**Environment:** Oracle 12C Exadata, 11g RAC, Windows, Oracle Enterprise Manager, SQL\*Loader, SQL\*PLUS, TOAD.

##### Modern Woodmen America, Rock Island, IL Jul’ 14 – aug’ 16 oracle Developer

**Responsibilities**

* Responsible for developing database objects - **Functions, Procedures, Packages, Cursors, and Triggers etc.**
* Optimized the performance using PL/SQL table types and record types.
* Worked on table partitioning and index creation for the performance improvement.
* Extensively worked on complex **SQL queries using joins, sub queries, correlated sub queries** and analytical functions.
* Utilized advanced PLSQL features like **BULK COLLECT, FORALL, REF CURSORS, COLLECTIONS** data types in the procedures, functions.
* Developed SQL scripts **for Extraction, transformation and Loading of Data** and designed source Entities for Oracle.
* Gathered requirements from end users.
* Worked on tickets to fix the issues reported by the end users.
* Generating software upgrade scripts for cross functional teams.
* Highly involved in writing Test Cases and Unit Analysis and Testing (UAT) to test each and every logical branch of the stored Procedure.
* Wrote SQL queries to developed test data for use during test execution.
* Worked on various levels of SDLC (Software Development Life Cycle) including system analysis, high level design, coding and testing.
* Involved in the preparation of Technical Specification Documentation.
* Analyzing the performance of the SQL queries and created the scripts for indexes

**Environment**: Oracle 11g, WINDOWS 7, SQL, PL/SQL, Toad, Visio, SQL Developer

##### ICICI, Hyderabad, India June’ 12 – may’ 14 Software Engineer

**Responsibilities:**

* Development of user interface windows for sales order processing, invoicing, customer billing & inventory.
* Validation rules were implemented by writing procedures during data input.
* Created stored procedures, Packages, Functions and triggers using SQL & PL/SQL.
* Involved in analyzing user/business requirements and mapping into technical specifications.
* Implemented a whole new security for the reports in the oracle database to prevent confidential data from being displayed to all users. The security is based on the standard concept of roles and privileges.
* All the security roles and privileges are stored in the database tables and the logic is implemented using functions and views. Promoted the security feature to the existing reports with a very minor code change in the actual reports.
* Managing table spaces, data files, redo logs, tables and its segments
* Installation of Oracle Database and Oracle products.
* Creating users and maintaining database security.
* Managing Users, Privileges and Roles
* Help users in creating database objects, and enrolling users
* Prepare and maintained documents of database backup and Oracle database operations.
* Responsible for setting and managing user accounts, Granting required privileges to user.
* Writing SQL Loader control files for data loading.
* Start up and shut down databases, to check for locks, monitor and kill user sessions, monitor database performance and other day-to-day tasks.

**Environment**: Oracle 8i/9i OEM, PL/SQL, SQL \* PLUS, SQL\*LOADER Linux, HP-UX, TOAD, STATSPACK, TKPROF, UTL\_SMTP.

##### education

* Bachelor’s degree from Jawaharlal Nehru Technological University, Hyderabad India